

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-13 (canceled)

Claim 14 (new) A terminal for a resolver comprising:

a terminal block having a top side and a bottom side, wherein the terminal block has a lengthwise open through groove between the top side and the bottom side;

at least one flat terminal disposed widthwise on the bottom side of the terminal block and traversing the through groove, wherein each flat terminal of the at least one flat terminal has a top side adjacent the through groove and a bottom side comprising a weld part for retaining stator coil wire of the resolver, whereby the stator coil wire is welded to the flat terminal by contacting a first electrode of a resistive welder to the top side of the flat terminal via the through groove and contacting a second electrode of the resistive welder to the weld part.

Claim 15 (new) The terminal of Claim 14, wherein the terminal block comprises at least one through hole between the top side of the terminal block and the bottom side of the terminal block, and wherein the flat terminal further comprises a pin part that passes through a respective through hole of the terminal block from the bottom side of the terminal block to the top side of the terminal block.

Claim 16 (new) The terminal block of Claim 15, wherein the pin part comprises an end that exits the through hole on the top side of the terminal block, whereby a lead line of the resolver connects to the end of the pin part.

Claim 17 (new) The terminal block of Claim 14 further comprising at least one anchor post on the bottom side of the terminal block, wherein the flat terminal further comprises a hole

from the bottom side of the flat terminal to the top side of the flat terminal, and wherein a respective anchor post of the at least one anchor post passes through the hole.

Claim 18 (new) The terminal block of Claim 14 further comprising at least one fastening pin on the bottom side of the terminal block, wherein the flat terminal is adjacent a respective fastening pin, whereby the stator coil wire wraps around the fastening pin.

Claim 19 (new) The terminal block of Claim 14 further comprising at least one slack pin on the bottom side of the terminal block, wherein the flat terminal is adjacent a respective slack pin, whereby the slack pin is bent to secure the stator coil wire to the terminal block.

Claim 20 (new) The terminal block of Claim 19, wherein the slack pin includes a notch, whereby the slack pin is bent at the notch to secure the stator coil wire to the terminal block.

Claim 21 (new) A terminal for a resolver comprising:
a terminal block;
means for connecting a stator coil wire to the terminal by welding, wherein the means for connecting the stator coil wire is attached to the terminal block; and
means for connecting a lead line to the terminal, wherein the means for connecting the lead line is attached to the terminal block and is in electrical communication with the means for connecting the stator coil wire.

Claim 22 (new) The terminal of Claim 21 further comprising:
means for securing the stator coil wire to the terminal block.

Claim 23 (new) The terminal of Claim 21 further comprising:
means for attaching the terminal to the resolver.

Claim 24 (new) A resolver comprising in combination:
a stator core;
at least one stator coil comprising stator coil wires wound on the stator core;

a terminal block having a top side and a bottom side, wherein the terminal block has a lengthwise open through groove between the top side and the bottom side;

at least one flat terminal disposed widthwise on the bottom side of the terminal block and traversing the through groove, wherein each flat terminal of the at least one flat terminal has a top side adjacent the through groove and a bottom side comprising a weld part for retaining the stator coil wire, whereby the stator coil wire is welded to the flat terminal by contacting a first electrode of a resistive welder to the top side of the flat terminal via the through groove and contacting a second electrode of the resistive welder to the weld part.